

Announcement - SUNRISE-3 Project Research Fellow at the SOLAR-C Project Office of NAOJ

The SOLAR-C project office at National Astronomical Observatory of Japan (NAOJ) invites applications for a postdoctoral position. The position is funded by the program "High Precision Polarimetric Observation by a Balloon-Borne Solar Telescope: Revealing Conversion Processes of Magnetic Energy in the Stellar Atmosphere" supported by Grant-in-Aid for Scientific Research (KAKENHI, PI: Y. Katsukawa).

1. Position: Project Research Fellow (Project Research Employee based on annual salary system)

2. Number of vacancies: one

3. Assignment:

(1) Division: SOLAR-C Project Office

(2) Duty station: NAOJ in Mitaka, Tokyo, Japan

4. Research Fields and Job Description:

The team led by NAOJ is developing a new spectro-polarimetric instrument, so-called SCIP (Sunrise Chromospheric Infrared spectroPolarimeter), for the SUNRISE-3 balloon-borne solar observatory planned for 2021. The successful applicant is conducting (1) development of the SCIP instrument for SUNRISE-3, and (2) theoretical and/or observational studies of the solar atmosphere using spectro-polarimetric observations.

5. Term:

(1) The term starts as soon as reasonably possible, after April 1st 2019.

(2) The term is for three years, subject to annual review. (*)

At the end of the contract term, there is the possibility of extending the contract up to one year, based on a review. (*)

(*) If the applicant had been the Project Research Fellow of NAOJ or the Researcher (Part-time Contract Employee) before, then the term may be adjusted so that the total length of employment does not exceed five years.

6. Qualification:

The applicant must have a PhD degree in physics, astronomy or related fields (or is expected to have it by time he/she will start the position).

7. The application documents (either in Japanese or in English) must include

- (1) a curriculum vitae,
- (2) a summary of research activities in the past,
- (3) a list of publications (Separate refereed and non-refereed papers. For coauthored papers, list all the names of authors.),
- (4) PDF copy of three major publications, and
- (5) an outline of research plans.

In addition, the applicant should arrange one letter of reference, to be sent directly from the person reviewing the applicant. The name of the person should be identified in the application cover letter.

8. Deadline:

The application documents and the reference letter must be received by 17:00 JST (08:00 UT), 31 January, 2019.

9. Submission:

- (1) Application documents and reference letters should be sent to:
apply-sso-prorfellow20190131_AT_ao.ac.jp (replace “_AT_” with the @-sign.)

with a mail subject of “Application (or Reference) for Project Research Fellow for SOLAR-C Project Research Fellow”.

When the application documents are received, a confirmation mail will be sent to the applicant. If you do not receive the confirmation within three working days, please notify the inquiry address.

- (2) For inquiries, please contact

Associate Prof. Yukio Katsukawa, SOLAR-C Project Office, NAOJ.

e-mail: yukio.katsukawa_AT_ao.ac.jp (replace “_AT_” with the @-sign.)

10. Remarks:

- (1) Project Research Fellow is a full-time position (38h45min working hours/week) employed under the scheme of the annual salary system of NINS.

(2) The fellow will receive a monthly salary of 350,000 JPY plus compensation for commuting expenses (up to 55,000 JPY per month), and annual research funds of 500,000 JPY. Social insurance will be applied. Bonus and retirement allowances are not provided. The travel and relocation costs to NAOJ will be covered, subject to the travel regulations of NINS (the details have to be arranged with the administration office).

(3) The qualification to apply for Grants-in-Aid for Scientific Research is given. (Please feel free to ask the details of application requirements and items to be able to apply in advance.)

(4) Application documents will be used only for the purpose of the selection of this position, and those documents of the applicants other than the successful candidate will be discarded.

(5) Selected candidates in the final short list may be interviewed by the selection committee either via internet or face-to-face. The expenses for the interview will not be covered by NAOJ.

(6) Abiding by the Equal Employment Opportunity Act for Men and Women, NAOJ is committed to the realization of a society with gender equality. If two candidates are deemed equal in their performance evaluation, NAOJ will take positive action to employ women. For details, see <http://open-info.nao.ac.jp/danjokyodo/>